

Product datasheet for **SC337411**

ZNF341 (NM_001282935) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF341 (NM_001282935) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF341
Synonyms:	HIES3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001282935, the custom clone sequence may differ by one or more nucleotides

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ATGGCCAAGGAGCAGTCCCTGATCCGACAGGCCAGAGTGTCATGCGCCCCCTGCTATCCAGCCATTGGA
TCTCCACATACATCAGAGTCCCCCGTCCCCACTGATCCAGACCCTGGTGAGGGGAACATCTTGGTGAG
CGATGATGTGCTCATGTCTGCCATGTGAGCCTTCACATCCCTGGACCAGCCCATGCCCCAGGGCCCCCA
CCTGTGCAGAGCAGCCTGAACATGCATTCCGTGCCAGCTACCTACCCAGCCTCCACCTCCTCCTCCAC
CTCCTCCACCACTGCCCCACCGCCACCACCTCAGCCTCCACCACCTCCACCCAGAGCCTGGGCCCCC
TGGGCGTCCCAACCCTGGTGGGAACGGTGTGGTGGAGGTGTACAGTGCTGCTGCGCCCCCTGGCTGGGAGT
GGAACGGTGGAGATCCAGGCACTGGGGATGCAGCCCTACCCACCCCTAGAGGTGCCAAACAGTGTGTGG
AGCCTCCAGTATATCCACCCCCACAGTGTACAGCCCTGGCAAACAGGGATTCAAACCCAAAGGACCAAA
CCCCGCCGCCCATGACCAGCGCCACCGGGGACGGTGGCCACCTTTGACTCTCCAGCAACGCTGAAG
ACCCGACGAGCTAAAGGTGCCAGGGGACTCCCGAAGCTGCAGGGAAGCCAAAGGCTCAGAACTCAAGT
GCTCATACTGTGACAAGTCATTACCAAAAACCTTTGACCTGCAGCAGCACATCCGAAGCCACACCGGTGA
GAAGCCCTTCCAGTGATTGCATGTGGCGTGCCTTTGCCAGAAAGTCTAATGTTAAGAAACACATGCAG
ACCCACAAGGTGTGGCCTCCAGGACACAGTGGTGGCACCGTGTCTCGAAACTCTGTGACCGTACAGGTCA
TGGCCCTGAACCCAGCAGGCAGGAGGACGAGGAAAGCACAGGGTTGGGCCAGCCCTGCCGGGTGCGCC
ACAGCCCCAGGCCTTGTCCACAGCTGGTGGGAAGAGGGGGACAAGCCGAGTCCAAGCAGGTGGTCTCTC
ATCGACAGCTCTACCTGTGCCAATTCTGCCCCAGCAAATTCAGCACCTACTTCCAGTCAAGTCTCACA
TGACCCAGCATAAGAATGAGCAGGTGTACAAGTGTGTGGTCAAAAGCTGTGCCAGAGCTTCCAAAGCT
CGACACATTTCTGGAGCACATCAAGAGCCACCAGGAGGAGCTGAGTACCGCTGCCACCTCTGCGGCAAG
GACTTCCCCTCGCTGTACGACCTGGGCGTGCACCAGTACTCCACAGCCTCCTGCCACAGCACAGCCCCA
AGAAGGACAATGCGCTCTACAAGTGTGTCAAATGTGTCAACAAATACTCCACCCCTGAGGCGCTGGAGCA
CCACCTGCAGACCGCCACTCACAACCTCCCTGCCACACTGCCAGAAGGTGTTTCTTGTGAACGCTAC
CTGCGGCGTCATCTGCCACCCACGGCAGCGGGGCGAGGTTCAAGTGCCAAGTGTGCAAGAAGTTCTTCC
GGCGGGAGCATTATCTCAAAGTGCATGCTCACATCCACTCGGGTGAGAAGCCCTACAAATGCTCAGTGTG
CGAGTCTGCGTTCAACCGCAAGGACAACTGAAGAGACACATGTTGATCCACGAGCCCTTCAAGAAATAC
AAATGCCCTTTCTCGACGCACACAGGCTGCAGTAAGGAGTTCAACCGGCCGACAAAGCTGAAGGCCACAC
TCCTCTCCCACTCTGGCATGAAGCTCCACAAATGCGCCCTGTGCAGCAAGTCTTACGCCCGCTGCCCA
CCTCGCCGAGCATCAGCGCGCCACACGGGCAACTACAAGTTCGCTGTGCTGGTGCGCCAAGGGCTTT
TCCCGCCACAAATACCTCAAAGATCACCCTGTGCTCTCGGCCCCCAAAAGGACAAGGACCTGCAAAACC
GGCGGCCCCCCAGAGGAGGGCAGCCCCCGCAGTTTGGCGCAGTGGTGGGCGCAAGGTGTGACCCCTT
GCCTGACCCGCTGGGGCTGGAGGAGCTGAAGGACACAGGGGCTGGGCTGGTGCCCGAGGCTGTCCCCGGC
AAGCCGCCCTTCGAGAGCCGGACGCGGTGCTGTCCATCGTTGTGGGTGGTGGGTGGGCGCGGAAACTG
AGCTGGTGGTACCTGGACACGCTGAGGGGCTGGGCTCCAACTGGCTCTGGCGGAGCTGCAGGCTGGGGC
CGAGGGCCCATGTGCCATGCTCGCTGTGCCCGTCTACATCCAGGCCTCCGAGTGA
  
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Restriction Sites: SgfI-MluI

ACCN: NM_001282935

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_001282935.1, NP_001269864.1</u>
RefSeq Size:	3398 bp
RefSeq ORF:	2295 bp
Locus ID:	84905
UniProt ID:	<u>Q9BYN7</u>
Cytogenetics:	20q11.22
Protein Families:	Transcription Factors
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (3) lacks an alternate exon in the 5' coding region and initiates translation from an alternate start codon, compared to variant 1. It encodes isoform 3, which is shorter and has a distinct N-terminus, compared to isoform 1.